

## April 2017 Quota & Excess Prices Determination for Montana

	Quota Delivered (lbs)	Excess Delivered (lbs)	Total Delivered (lbs)
Skim	21,451,925	691,726	22,143,651
Butterfat	832,417	26,792	859,209
Milk	22,284,342	718,518	23,002,860
% of Total Production	96.88%	3.12%	100.00%

SKIM						
	Skim Value (\$)	Additional Value of Reclassified Pool Milk - Skim (\$)	Skim Utilization Value (\$)	Skim - Announced Price (\$/lb)	Utilization of Month's Production - Skim (lbs)	% of Total Production Utilized - SKIM
Class I	\$ 1,150,667.88	\$0.00	\$ 1,150,667.88	\$ 0.1030228	11,169,060	50.44%
Class II	\$ 42,365.30	\$2.01	\$ 42,363.29	\$ 0.0692746	611,527	2.76%
Class III	\$ 631,690.99		\$ 631,690.99	\$ 0.0609560	10,363,065	46.80%
	\$ 1,824,724.17				22,143,652	100.00%
<b>Calculation of Poolwide Value of Skim:</b>						
	\$ 1,824,724.17	Skim Value				
	\$ 192,671.11	Gain / Loss on Out-of-State Sale of Surplus before Hauling				
	\$ (32,447.73)	Out-of-State Surplus Hauling				
	\$ (50,031.16)	In-State Surplus Hauling				
	\$ 1,934,916.39	Poolwide Value of Skim				
	\$ 26,709.29	1/2 of Prior Month's Settlement Fund Balance				
	\$ (26,741.21)	Less: Quota Milk Delivered * \$0.12/cwt				
	\$ 1,934,884.47	Adjusted Poolwide Value of Skim				
	22,143,651	Total Skim Delivered (lbs)				
	\$ 0.0873787	Poolwide Value of Skim (\$/lb)				
<b>Quota Skim Price Calculation:</b>						
	\$ 0.0150000	Quota/Excess Differential (\$/lb): \$1.50/cwt / 100 lbs/cwt				
	3.12360%	Excess % of Total Production				
	\$ 0.0004685	Quota Differential for Skim (\$/lb)				
	\$ 0.0873787	Poolwide Value of Skim (\$/lb)				
	\$ 0.0878473	Quota Blend Price for Skim (\$/lb)				
<b>Excess Skim Price Calculation:</b>						
	\$ (0.0150000)	Quota/Excess Differential (\$/lb): \$1.50/cwt / 100 lbs/cwt				
	96.87640%	Quota % of Total Production				
	\$ (0.0145315)	Excess Differential (\$/lb)				
	\$ 0.0873787	Poolwide Value of Skim (\$/lb)				
	\$ (0.0145315)	Less: Excess Differential (\$/lb)				
	\$ 0.0728473	Excess Blend Price for Skim (\$/lb)				

<b>Blend Prices @ 3.5% butterfat test</b>		
\$ 8.4773	Quota Value for Skim Portion of cwt of milk testing 3.5% butterfat *	
\$ 7.1178	Quota Value for Butterfat Portion of cwt of milk testing 3.5% butterfat *	
\$ 15.5951	Quota Blend Price (\$/cwt for milk testing 3.5% butterfat) *	
\$ 7.0298	Excess Value for Skim Portion of cwt of milk testing 3.5% butterfat *	
\$ 7.0653	Excess Value for Butterfat Portion of cwt of milk testing 3.5% butterfat *	
\$ 14.0951	Excess Blend Price (\$/cwt for milk testing 3.5% butterfat) *	

BUTTERFAT						
	Butterfat Value (\$)	Additional Value of Reclassified Pool Milk - Butterfat (\$)	Butterfat Utilization Value (\$)	Butterfat - Announced Price (\$/lb)	Utilization of Month's Production - Butterfat (lbs)	% of Total Production Utilized - BUTTERFAT
Class I	\$ 529,587.53	\$ -	\$ 529,587.53	\$ 2.4738	214,079	24.92%
Class II	\$ 176,928.32	\$55.82	\$ 176,872.50	\$ 2.2500	78,610	9.15%
Class III	\$ 1,040,412.14		\$ 1,040,412.14	\$ 1.8365	566,519	65.94%
	\$ 1,746,928.00				859,208	100.00%
	\$ 1,746,928.00	Poolwide Value of Butterfat				
	859,209	Total Butterfat Delivered (lbs)				
	2.033181682	Poolwide Value of Butterfat (\$/lb)				
<b>Quota Butterfat Price Calculation:</b>						
	\$ 0.0150000	Quota/Excess Differential (\$/lb): \$1.50/cwt / 100 lbs/cwt				
	3.12360%	Excess % of Total Production				
	\$ 0.0004685	Quota Differential for Butterfat (\$/lb)				
	\$ 2.0331817	Poolwide Value of Butterfat (\$/lb)				
	\$ 2.0336502	Quota Blend Price for Butterfat (\$/lb)				
<b>Excess Butterfat Price Calculation:</b>						
	\$ (0.0150000)	Quota/Excess Differential (\$/lb): \$1.50/cwt / 100 lbs/cwt				
	96.87640%	Quota % of Total Production				
	\$ (0.0145315)	Excess Differential (\$/lb)				
	\$ 2.0331817	Poolwide Value of Butterfat (\$/lb)				
	\$ (0.0145315)	Less: Excess Differential (\$/lb)				
	\$ 2.0186502	Excess Blend Price for Butterfat (\$/lb)				

\* Rounded to four decimal places